LSI Docket No. 03-0605

### Specification Amendments

Please rewrite the paragraph starting at line 4 of page 5 as follows (add a period to the ending sentence):

-- Figure 1 shows a typical SAS expander 100 having an integral custom expander circuit die 102 embedded within. Custom expander circuit die 102 is designed by an appropriate engineer to provide, for example, three ports adapted for coupling to SAS devices outside SAS expander 100. Ports 104 are exemplified by two thinner lines representing standard ports and one thicker line representing a wide port configuration as generally known in the SAS specifications. SAS device controller 110 is a similar SAS controller including a custom expander circuit die 112 providing external ports 114 – two standard ports represented by thinner lines and three wide ports represented by thicker lines. As noted above, presently known techniques may require a significant redesign effort to modify custom expander circuit die 112 to provide additional ports 114. Full custom circuit design and fabrication can be complex and costly.--

Please rewrite the last paragraph starting on line 24 of page 9 as follows:

-- Figure 5 is a diagram describing an exemplary static configuration of internal switch fabric 592 within an MCM expander 590. The exemplary configuration of figure 5 is intended merely to aid the reader in understanding one possible application of features and aspects hereof. MCM expander 590 may include three standard expander components of 594, 596 and 598. Standard expander components 594 and 596 each provide three internal ports (internal ports 500, 502 and 504 provided by expander component 594 and internal ports 506, 508 and 510 provided by expander component 596). Standard expander component 598 provides ~~six~~ two internal ports (512 ~~through 522~~ and 514).--

Please rewrite the paragraph starting at line 28 of page 10 and running through the start of page 11 as follows:

-- Figure 4 [[s]] is a flowchart describing a method of design and fabrication for an MCM customized expander in accordance with features and aspects hereof. Element

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400 is first operable to determine a desired number of ports and wide ports required for the particular customized MCM expander application. The number of ports and wide ports required for a particular application are determined in accordance with performance and other criteria of the application well known to those of ordinary skill in the art. The determination may be performed in accordance with automated computational methods or as a matter of design choice by a human design engineer. --

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